

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
PA470D1C1

APPLICATION NO.  
10/618,465

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

CHEN et al.

FILING DATE

7/11/2003

GROUP

Unknown

DATE MAILED: 10/14/2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,614,914	3/25/1997	Bolgiano, et al.	342	364	
	A2	5,506,865	4/9/1996	Weaver, Jr.	370	335	
	A3	5,087,900	1/28/1992	Taylor	333	100	
	A4	5,983,382	11/9/1999	Pauls	714	744	
	A5	6,317,418	11/13/2001	Raitola et al.	370	278	
	A6	6,289,003	9/11/2001	Raitola et al.	370	278	
	A7	5,745,502	4/28/1998	Khayrallah et al.	714	751	

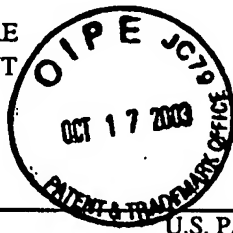
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	98/49785 A	11/5/98	WO	Qualcomm		
	B2	97/37459 A	10/9/97	WO	Ericsson		
	B3	4241618 A	6/16/94	DE	Deutsche Forsch Luft Raumfahrt		
	B4						
	B5						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	David Chase, "Code Combining- A Maximum-Likelihood Decoding Approach for Combining an Arbitrary Number of Noisy Packets," IEEE Transactions on Communications, vol. 33, no. 5, May 1985, pages 385-393.
	C2	Mike Ketseoglou, R-RAKE: A Concept Suitable for IMT-2000, New Orleans, LA, January 5-9, 1998, pages 1-16.
	C3	Mike Ketseoglou, Application of R-RAKE in 3 <sup>rd</sup> Generation IS-95, New Orleans, LA, January 5-9, 1998, pages 3 and 5.
EXAMINER		DATE CONSIDERED 8/31/05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A8	3,868,633	2/25/1975	Nuese	714	750	
	A9	6,126,310	10/3/2000	Osthoff et al.	714	751	
	A10	5,954,839	9/21/1999	Park et al.	714	699	
	A11	5,828,677	10/27/1998	Sayeed et al.	714	724	
	A12	6,101,168	8/8/2000	Chen et al.	90	228	
	A13	5,084,900	1/28/1992	Taylor	370	220	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C4	Samir Kallel, "Complementary Punctured Convolutional (CPC) Codes and Their Use in Hybrid ARQ Schemes," IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, vol. 1, May 19-21, 1993, pages 186-189.
	C5	David Mandelbaum, "An adaptive-feedback coding scheme using incremental redundancy," IEEE Transactions on Information Theory, vol. 20, issue 3, May 1974, pages 388-389.
	C6	P. Decker, "An Adaptive Type-II hybrid ARQ/FEC Protocol suitable for GSM," 1994 IEEE 44 <sup>th</sup> Vehicular Technology Conference, vol. 1, 1994, pages 330-333.
	C7	Ajay Dholakia et al., "High Speed Table-Driven Correction and Decoding in Convolutionally Encoded Type-I Hybrid-ARQ Protocols," Communications on the IEEE Military Communications Conference record, MILCOM '93, vol. 3, 1993, pages 939-943.
	C8	Hang Liu et al., "Performance of H.263 Video Transmission over Wireless Channel Using Hybrid ARQ," IEEE Journal on Selected Articles in Communications, vol. 15, no. 9, December 1997, pages 1775-1786.

EXAMINER	DATE CONSIDERED 5/31/05
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